

Access DB# 95138

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dr. R. J. J. J. Examiner #: 69332 Date: 3/28/03  
Art Unit: 1711 Phone Number 308-2437 Serial Number: 09/994998  
Mail Box and Bldg/Room Location: 3/1729 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Per - Venatin or Venative in Fig. 1. E. hawks.

\*\*\*\*\*  
**STAFF USE ONLY**

Searcher: EJ

Searcher Phone #: \_\_\_\_\_

Searcher Location: \_\_\_\_\_

Date Searcher Picked Up: \_\_\_\_\_

Date Completed: 5-28-03

Searcher Prep & Review Time: 5

Clerical Prep Time: \_\_\_\_\_

Online Time: 105

**Type of Search**

NA Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) (3)

Bibliographic (and)

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \$234.14

Dialog \_\_\_\_\_

Questel/Orbit \_\_\_\_\_

Dr. Link \_\_\_\_\_

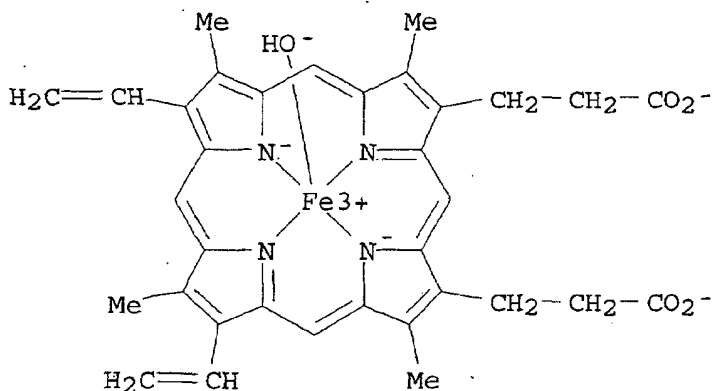
Lexis/Nexis \_\_\_\_\_

Sequence Systems \_\_\_\_\_

WWW/Internet \_\_\_\_\_

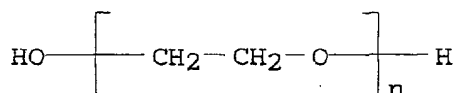
Other (specify) \_\_\_\_\_

- catalyst tailored for water sol. electroactive polymer synthesis)
- IT 15489-90-4D, Hematin, reaction product with  
PEG 25322-68-3D, PEG, reaction product  
with hematin  
(hinged iron porphyrin catalyst tailored for water sol.  
electroactive polymer synthesis)
- L37 ANSWER 8 OF 12 HCA COPYRIGHT 2003 ACS  
128:162418 Electrochemical separation utilizing metalloporphyrins and  
metallophthalocyanines. Przybycien, Todd M.; Lam, Philippe; Wnek,  
Gary E.; Elliker, Peter R. (Rennselaer Polytechnic Institute, USA).  
U.S. US 5711867 A 19980127, 19 pp. (English). CODEN: USXXAM.  
APPLICATION: US 1995-413877 19950328.
- AB A method of sepg. a material from a liq. sample comprising:  
providing a system for material sepn. having a stationary phase  
having a metalloporphyrin coordination compd. or a  
metallophthalocyanine coordination compd. or a mixt. thereof;  
oxidizing or reducing the coordination compd., resp., to an oxidized  
or reduced state at which the material will bind to the compd.;  
applying a source of elec. potential to the system; and contacting  
the oxidized or reduced coordination compd. with a liq. sample  
contg. the material under conditions effective to sep. the material  
from the liq.
- IT 15489-90-4, Hematin  
(biol. materials sepn. in liq. samples by electrochem. chromatog.  
using metalloporphyrins and metallophthalocyanines as stationary  
phases)
- RN 15489-90-4 HCA  
CN Ferrate(2-), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-  
2,18-dipropanoato(4-)-.kappa.N21,.kappa.N22,.kappa.N23,.kappa.N24]hy  
droxy-, dihydrogen, (SP-5-13)- (9CI) (CA INDEX NAME)



2 H<sup>+</sup>

- IT 25322-68-3, Polyethylene glycol  
(biol. materials sepn. in liq. samples by electrochem. chromatog.  
using metalloporphyrins and metallophthalocyanines as stationary  
phases and heme immobilization onto glassy carbon surface)
- RN 25322-68-3 HCA
- CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA  
INDEX NAME)



- IC ICM B01D017-06  
ICS B01D015-08; C25B011-00; B03C005-02
- NCL 205688000
- CC 80-4 (Organic Analytical Chemistry)  
Section cross-reference(s): 3, 9, 29, 33, 34
- IT 553-12-8, Protoporphyrin IX 7439-89-6D, Iron, metalloporphyrins  
and metallophthalocyanines, analysis 7439-96-5D, Manganese,  
metalloporphyrins and metallophthalocyanines, analysis 7440-02-0D,  
Nickel, metalloporphyrins and metallophthalocyanines, analysis  
7440-18-8D, Ruthenium, metalloporphyrins and metallophthalocyanines,  
analysis 7440-32-6D, Titanium, metalloporphyrins and  
metallophthalocyanines, analysis 7440-48-4D, Cobalt,  
metalloporphyrins and metallophthalocyanines, analysis 7440-62-2D,  
Vanadium, metalloporphyrins and metallophthalocyanines, analysis  
14285-56-4, Iron phthalocyanine chloride 14459-29-1,  
Hematoporphyrin IX 15489-90-4, Hematin  
(biol. materials sepn. in liq. samples by electrochem. chromatog.  
using metalloporphyrins and metallophthalocyanines as stationary  
phases)
- IT 538-75-0, Dicyclohexylcarbodiimide 1122-58-3, DMAP 7440-44-0,  
Carbon, analysis 14875-96-8, Heme 25322-68-3,  
Polyethylene glycol  
(biol. materials sepn. in liq. samples by electrochem. chromatog.  
using metalloporphyrins and metallophthalocyanines as stationary  
phases and heme immobilization onto glassy carbon surface)
- L37 ANSWER 9 OF 12 HCA COPYRIGHT 2003 ACS
- 123:17990 Oxygen-transporting aqueous emulsions containing  
iron-porphyrin complexes. Tsuchida, Hidetoshi; Nishide, Hiroyuki;  
Komatsu, Teruyuki; Matsubuchi, Eriko (Seisan Kaihatsu Kagaku  
Kenkyus, Japan; Nippon Oils & Fats Co Ltd). Jpn. Kokai Tokkyo Koho  
JP 06263641 A2 19940920 Heisei, 6 pp. (Japanese). CODEN: JKXXAF.  
APPLICATION: JP 1992-137563 19920501.

GI

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=> file reg
FILE 'REGISTRY' ENTERED AT 20:23:54 ON 28 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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=> display history full 11-
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FILE 'REGISTRY' ENTERED AT 17:39:11 ON 28 MAY 2003
      E POLYETHYLENE OXIDE/CN
L1      1 SEA "POLYETHYLENE OXIDE"/CN
L2      1 SEA 25322-69-4
      ACT EOEGPOPG/A
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L3 (      9682)SEA 75-21-8/CRN
L4 (      21863)SEA 107-21-1/CRN
L5 (      9283)SEA 75-56-9/CRN
L6 (      8413)SEA 57-55-6/CRN
L7 (      7690)SEA (L3 OR L4) AND (L5 OR L6)
L8      11 SEA L7 AND 2/NC
-----
      E HEMATIN/CN
L9      1 SEA HEMATIN/CN
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FILE 'LCA' ENTERED AT 17:47:11 ON 28 MAY 2003
L10      0 SEA (L9 OR L9/D OR L9/DP OR HEMATIN#) (3A) (POLYALKOXYLAT?
      OR POLYPROPOXYLAT? OR POLYETHOXYLAT? OR POLYOXYALKYL? OR
      POLYOXYETHYL? OR POLYOXYPROPYL? OR POLYOXY(2A) (ETHYL? OR
      PROPYL? OR ALKYL?) OR PEGYLAT? OR (PEG OR PPG) (A) YLAT?
      OR (POLYPROPYLENE# OR POLYETHYLENE#) (2A) (GLYCOL# OR
      OXIDE#))
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FILE 'HCA' ENTERED AT 17:53:08 ON 28 MAY 2003
L11      7 SEA (L9 OR L9/D OR L9/DP OR HEMATIN#) (3A) (POLYALKOXYLAT?
      OR POLYPROPOXYLAT? OR POLYETHOXYLAT? OR POLYOXYALKYL? OR
      POLYOXYETHYL? OR POLYOXYPROPYL? OR POLYOXY(2A) (ETHYL? OR
      PROPYL? OR ALKYL?) OR PEGYLAT? OR (PEG OR PPG) (A) YLAT?
      OR (POLYPROPYLENE# OR POLYETHYLENE#) (2A) (GLYCOL# OR
      OXIDE#))
L12      87835 SEA L1 OR L2 OR L8
L13      808 SEA L9
L14      22 SEA L9/D OR L9/DP
L15      3 SEA L14 AND L12
L16      6 SEA L13 AND L12
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FILE 'REGISTRY' ENTERED AT 19:46:55 ON 28 MAY 2003
      D L9 RN
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FILE 'LREGISTRY' ENTERED AT 19:46:56 ON 28 MAY 2003
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